

**DISTRICT LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
DIVISION - BHIND (M.P.)**

- 1- Sample From - *Manager of Sant Vivekanand School (Bhind)*
 2- Particulars of Sample - *Sant Vivekanand School (Bhind)*
 3- Date of Collection - *20/5/2022*
 4- Date of Analysis - *20/5/2022*

		As Per BIS-10500-2012 For Drinking Water						
S.N.	Characteristics	Unit	Requirement (Desirable limit)	Permissible limit in the absence of Alternate Source	RESULT			
PHYSICAL					Sample-1	Sample-2	Sample-3	Sample-4
1	Turbidity	NTU	1.0	5.0	1.7			
2	Colour	Cobalt	5	15	Nil			
3	Taste & Odour		Un objectionable	objectionable	odour			
4	Temperature	C°	-	-	25c			
CHEMICAL								
5	PH Value	PH Scale	6.5 to 8.5	No Relaxation	7.5			
6	Alkalinity	Mg/L	200	600	508			
7	Chlorides (as Cl)	Mg/L	250	1000	41			
8	Nitrate as No 3	Mg/L	45	45	10.4			
9	Total hardness by standard E.D.T.A. Solution	Mg/L	200	600	380			
10	Calcium as Ca	Mg/L	75	200	55.2			
11	magnesium as mg	Mg/L	30	100	58.0			
12	Iron	Mg/L	0.3	0.3	0.19			
13	Free Chlorine	Mg/L	0.2	1.0	Nil			
14	T.D.S.	Mg/L	500	2000	918			
15	Fluoride	Mg/L	1.0	1.5	0.39			
16	Arsenic	Mg/L	0.01	0.05	0.0			
17	Bactological Feacul coliform	per 100 ml.	0	0	Nil			

[Signature]
Chemist

Water Testing Lab
P.H.E. Division - Bhind

[Signature]
20/5/22
Executive Engineer
Public Health Engineering
Division - Bhind